adj1 (blanket or pad))) with (particle or abrasive or particulate) abrasive.ti,ab. 983 ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate)) and abrasive.ti,ab. 4 427 (entangle or entanglement or entangling or entangled) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate)) abrasive.ti,ab. and ((entangle or entanglement or entangling or entangled) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate)) 5 16 abrasive.ti,ab. and ((entangle or entanglement or entangling or entangled) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate))) 5 363604.URPN. (entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3) (nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granule) 9 2631 ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) and ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granulate or granulate) 10 12532 (abrasive or scouring or scourer).ti,ab. US-PGPUB	1/04/05 18:56 1/04/05 18:57 1/04/05 18:45 1/04/05 18:55 1/04/05 18:55 1/04/05 18:56 1/04/05 18:58 1/04/05 18:58 1/04/05 18:58
2 11744 abrasive.ti,ab. ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate)) and abrasive.ti,ab. (entangle or entanglement or entangling or entangled) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate)) 5 16 abrasive.ti,ab. and ((entangle or entanglement or entangling or entangled)) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate)) 6 15 353604.URPN. (entangle or entanglement or entangled or intergag\$3 or interlock\$3 or intertwin\$3) (entangle or entanglement or entangled or intergag\$3 or interlock\$3 or intertwin\$3) 14612 (nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granulate or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) and ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or abrasive or particulate or granular or granulate or granular or granulate or granulate) ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) and ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granulate) ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or intergag\$3 or interlock\$3 or intertwin\$3)) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or intergag\$3 or interlock\$3 or intertwin\$3)) same ((nonwoven or non-woven or batt or mat or web or (fiber or fibrous) adj1 (blanket or	1/04/05 18:45 1/04/05 18:55 1/04/05 18:55 1/04/05 18:56 1/04/05 19:23 1/04/05 18:58
3 983 ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate)) and abrasive.ti,ab. 4 427 (entangle or entanglement or entangling or entangled) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate)) 5 16 abrasive.ti,ab. and ((entangle or entanglement or entangling or entangled) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate)) 6 15 5363604.URPN. 7 156448 (entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3) (entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3) with (particle or abrasive or particulate or granulate or granula	1/04/05 18:45 1/04/05 18:55 1/04/05 18:55 1/04/05 18:56 1/04/05 19:23 1/04/05 18:58
3 983 ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate)) and abrasive. ti, ab. (entangle or entanglement or entangling or entangling or pad)) with (particle or abrasive or particulate)) (entangle or entanglement or entangling or entangling or entangled) Same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate)) (entangled) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate)) (entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3) (nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granulate or granulate or granulate or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) and ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or abrasive or particulate or granulate or granu	3/04/05 18:55 3/04/05 18:55 3/04/05 18:51 3/04/05 19:23 3/04/05 18:58 3/04/05 19:24
adj1 (blanket or pad))) with (particle or abrasive or particulate)) and abrasive.ti,ab. (entangle or entanglement or entangling or entangled) same ((nonwoven pad))) with (particle or abrasive or particulate)) 5 16 abrasive.ti,ab. and ((entangle or entangling or entangling or entangled)) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate)) 6 15 5363604.URPN. 7 156448 (entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3) 8 14612 (nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granulate or granulate or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3) and ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granular or granulate or granular or granulate or granular or granulate or granulate or granular or granular or granulate or granular or granulate or granular or granular or granulate or granular or gran	3/04/05 18:55 3/04/05 18:55 3/04/05 18:51 3/04/05 19:23 3/04/05 18:58 3/04/05 19:24
abrasive.ti,ab. (entangle or entanglement or entangling or entangled) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate)) abrasive.ti,ab. and ((entangle or entanglement or entangling or entangled) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate)) 15	3/04/05 18:55 3/04/05 18:51 3/04/05 18:56 3/04/05 19:23 3/04/05 18:58
427 (entangle or entanglement or entangling or entangled) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate)) 5	3/04/05 18:55 3/04/05 18:51 3/04/05 18:56 3/04/05 19:23 3/04/05 18:58
or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate)) abrasive.ti,ab. and ((entangle or entanglement or entangling or entangled) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate)) 5 2004 15 2004 15 353604.URPN. (entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3) (uspat; uspat; uspat; uspat; adj1 (blanket or pad))) with (particle or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granule) ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) and ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granular or granulate or granular or granulate or gran	3/04/05 18:55 3/04/05 18:51 3/04/05 18:56 3/04/05 19:23 3/04/05 18:58
pad))) with (particle or abrasive or particulate)) abrasive.ti,ab. and ((entangle or entanglement or entangling or entangled) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate)) 5 353604.URPN. (entangle or entanglement or entangled or intergag\$3 or interlock\$3 or intertwin\$3) (nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granule) 9 2631 ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) and ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granulate or granular) 10 12532 ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) and ((nonwoven or non-woven or batt or abrasive or particulate or granulate or gran	3/04/05 18:51 1/04/05 18:56 1/04/05 19:23 1/04/05 18:58 1/04/05 19:24
16 abrasive.ti,ab. and ((entangle or entanglement or entangling or entangled) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate)) 5363604.URPN. USPAT 2004 15 5363604.URPN. USPAT 2004 16 17 18 18 18 18 18 18 18	3/04/05 18:51 1/04/05 18:56 1/04/05 19:23 1/04/05 18:58 1/04/05 19:24
entangled) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate))) 15 5363604.URPN. 156448 (entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3) 14612 (nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granular or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) and ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granular or granulate or granule) 10 12532 (abrasive or scouring or scourer).ti,ab. 11 552 ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) same ((nonwoven or non-woven or batt or interlock\$3 or intertwin\$3)) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or intergag\$3 or interlock\$3 or intertwin\$3)) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or intergag\$3 or interlock\$3 or intertwin\$3)) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or intergag\$3 or interlock\$3 or intertwin\$3)) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or intergag\$3 or interlock\$3 or intertwin\$3))	3/04/05 18:56 3/04/05 19:23 3/04/05 18:58 3/04/05 19:24
particulate))) 5363604.URPN. (entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3) (nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granule) ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) and ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granulate	3/04/05 18:56 3/04/05 19:23 3/04/05 18:58 3/04/05 19:24
5363604.URPN. (entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3) (nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granulate or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3) and ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granulate or granulate or granulate) 10 12532 ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3) adj1 (blanket or pad))) with (particle or abrasive or scouring or scourer).ti,ab. 11 552 ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or use-PGPUB)	3/04/05 18:56 3/04/05 19:23 3/04/05 18:58 3/04/05 19:24
156448 (entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3) USPAT; US-PGPUB USPAT; US	3/04/05 18:56 3/04/05 19:23 3/04/05 18:58 3/04/05 19:24
interlock\$3 or intertwin\$3) (nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granule) ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) and ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granule)) ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) same ((nonwoven or non-woven or batt or interlock\$3 or intertwin\$3)) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or 2004 USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB	1/04/05 19:23 1/04/05 18:58 1/04/05 19:24
14612 (nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granule) 2631 ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) and ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granule)) 10 12532 (abrasive or scouring or scourer).ti,ab. 11 552 ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or US-PGPUB)	1/04/05 18:58 1/04/05 19:24
adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granule) ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) and ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granule)) (abrasive or scouring or scourer).ti,ab. USPAT; US-PGPUB 11 552 ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or	1/04/05 18:58 1/04/05 19:24
granular or granulate or granule) ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) and ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granule)) ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or use-PGPUB)	./04/05 19:24
9 2631 ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3) and ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granule)) 10 12532 (abrasive or scouring or scourer).ti,ab. 11 552 ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or	./04/05 19:24
interlock\$3 or intertwin\$3)) and ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granule)) 10 12532 (abrasive or scouring or scourer).ti,ab. USPAT; US-PGPUB USPAT; US-PGPUB USPAT; US-PGPUB ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or	./04/05 19:24
mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate or granular or granulate or granule)) 10 12532 (abrasive or scouring or scourer).ti,ab. 11 552 ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or	
10 12532 (abrasive or scouring or scourer).ti,ab. 2004 11 552 ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or	
11 552 ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or	
11 552 ((entangle or entanglement or entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3)) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or	/04/05 18:58
interlock\$3 or intertwin\$3)) same ((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or	704705 18:58
mat or web or ((fiber or fibrous) adjl (blanket or pad))) with (particle or	
ADTASTVE OF DAFLICUIALE OF GRADULAT OF GRADULATE OF GRADULE I	
	/04/05 19:24
shredding or separate or separating or separated) same (((entangle or US-PGPUB	
entanglement or entangling or entangled or intergag\$3 or interlock\$3 or	
intertwin\$3)) same ((nonwoven or non-woven or batt or mat or web or	
((fiber or fibrous) adj1 (blanket or pad))) with (particle or abrasive or	
particulate or granular or granulate or granule)))	104105 10 04
	/04/05 19:04
opened or break or breaking or shredded or shred or shredding or separate or separating or separated) same (((entangle or entanglement or	
entangling or entangled or intergag\$3 or interlock\$3 or intertwin\$3))	
same ((nonwoven or non-woven or batt or mat or web or ((fiber or	
fibrous) adj1 (blanket or pad))) with (particle or abrasive or particulate	
or granular or granulate or granule))))	
	/04/05 19:05
adj1 (blanket or pad))) with (particle or abrasive or particulate or DERWENT	
granular or granulate or granule)	104105 10:05
16 61334 abrasive or scouring or scourer EPO; JPO; DERWENT	/04/05 19:05
	/04/05 19:06
shredding or separate or separated) same ((nonwoven or DERWENT)	70 1700 17.00
non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or	
pad))) with (particle or abrasive or particulate or granular or granulate	
or granule))	
	/04/05 19:07
adj1 (blanket or pad))) with (particle or abrasive or particulate or DERWENT	
granular or granulate or granule)) and (abrasive or scouring or scourer)	
and ((open or opening or opened or break or breaking or shredded or shred or shredding or separate or separated) same	
((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous)	
adj1 (blanket or pad))) with (particle or abrasive or particulate or	
granular or granulate or granule)))	

			TIODATE	2004/04/05 10 04
19	1483	(nonwoven or non-woven or batt or mat or web or ((fiber or fibrous)	USPAT;	2004/04/05 19:24
		adj1 (blanket or pad))) with grain	US-PGPUB	
20	12532	(abrasive or scouring or scourer).ti,ab.	USPAT;	2004/04/05 19:24
			US-PGPUB	
21	229	((nonwoven or non-woven or batt or mat or web or ((fiber or fibrous)	USPAT;	2004/04/05 19:24
		adj1 (blanket or pad))) with grain) and ((abrasive or scouring or	US-PGPUB	
1		scourer).ti,ab.)		
22	371	(open or opening or opened or break or breaking or shredded or shred or	USPAT;	2004/04/05 19:24
		shredding or separate or separating or separated) same ((nonwoven or	US-PGPUB	
		non-woven or batt or mat or web or ((fiber or fibrous) adj1 (blanket or		
		pad))) with grain)		
23	96	((abrasive or scouring or scourer).ti,ab.) and ((open or opening or	USPAT;	2004/04/05 19:25
		opened or break or breaking or shredded or shred or shredding or	US-PGPUB	
		separate or separating or separated) same ((nonwoven or non-woven or		
		batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with		
	:	grain))		
24	94	(((abrasive or scouring or scourer).ti,ab.) and ((open or opening or	USPAT:	2004/04/05 19:26
- '		opened or break or breaking or shredded or shred or shredding or	US-PGPUB	
		separate or separating or separated) same ((nonwoven or non-woven or		
		batt or mat or web or ((fiber or fibrous) adj1 (blanket or pad))) with		
		grain))) not ((abrasive.ti,ab. and ((entangle or entanglement or		
		entangling or entangled) same ((nonwoven or non-woven or batt or mat		
		or web or ((fiber or fibrous) adj1 (blanket or pad))) with (particle or		
		abrasive or particulate)))) or (((abrasive or scouring or scourer).ti,ab.)		
		and ((open or opening or opened or break or breaking or shredded or		
		shred or shredding or separate or separating or separated) same		
'		(((entangle or entanglement or entangling or entangled or intergag\$3 or		
		interlock\$3 or intertwin\$3) same ((nonwoven or non-woven or batt or		
		mat or web or ((fiber or fibrous) adjl (blanket or pad))) with (particle or		
		abrasive or particulate or granular or granulate or granule))))))		